

# Estimated Weekly Crop Water Use for Field Crops in Michigan (in/week)

Week of June 29 - July 5, 2026

Crop	Growth stage	Crop water use (in/week)			
		Constantine	Berrien Springs	Entrican	Hart
	Reference ET	1.53	1.61	1.47	1.34
Corn	V6	0.54	0.56	0.51	0.47
	V8	0.86	0.90	0.82	0.75
	V10	1.16	1.22	1.12	1.02
Soybeans	V3	0.92	0.97	0.88	0.80
	V4-V5	1.19	1.26	1.15	1.05
	R1	1.53	1.61	1.47	1.34
Potato	Tuberization	1.53	1.61	1.47	1.34
	Blossom	1.53	1.61	1.47	1.34
	Tuber bulk	1.39	1.47	1.34	1.22

## KEY TAKEAWAYS

- Evapotranspiration (ET) has increased with warmer temperatures, reaching approximately 1.30 to 1.60 inches per week across the region.
- Corn at the V8 growth stage is using approximately 0.80 inches of water per week.
- Soybeans at the V4-V5 growth stage are using approximately 1.20 inches of water per week.
- Potatoes in the blossom and tuberization stages are at peak water demand, requiring approximately 1.50 inches of water per week.
- Low to moderate rainfall is forecast this week and may not be sufficient to meet crop water demand.

This week estimated rainfall (in/week)

Constantine	Berrien Springs	Entrican	Hart
0.67	0.65	0.12	0.41

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This table presents projected potential crop evapotranspiration values for field crops in Michigan and does not account for precipitation obtained during the week of calculation. The procedure used for the calculation was based on the FAO-56 single crop coefficient approach: <https://www.fao.org/4/X0490E/x0490e0b.htm#TopOfPage>. Reference evapotranspiration values were obtained from <https://enviroweather.msu.edu/>.